



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 2, 2009

TO: Mayor and Councilmembers

FROM: Creeks Division, Parks and Recreation Department
Golf Division, Parks and Recreation Department
Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Santa Barbara Golf Club Safety Plan Implementation And Upper Las Positas Creek Restoration And Storm Water Management Project

RECOMMENDATION: That Council:

- A. Award and authorize the Public Works Director to execute a contract with Shaw Contracting, Inc. (Shaw), waiving a minor bid irregularity, for \$1,771,524.50, for construction of the Santa Barbara Golf Club Safety Plan Implementation and Upper Las Positas Creek Restoration and Storm Water Management Project (Combined Project), Bid No. 3463B, which includes their low bid of \$1,632,080.25, and expenditures to construct Bid Alternate 1 in the amount of \$47,444.25 and Bid Item 68 in the amount of \$92,000; and authorize the Public Works Director to approve additional expenditures up to \$218,627 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment; and authorize the Public Works Director to accept the final contract amount, with approved changes, and file all Notices of Completion (NOC) with the County Clerk-Recorder's Office;
- B. Authorize the Public Works Director to execute a contract with Wallace Group (Wallace) in the amount of \$41,500, for design support services during construction, and to approve expenditures of up to \$4,150 for extra services of Wallace that may result from necessary changes in the scope of work;
- C. Authorize the Public Works Director to execute a contract with Fugro West, Inc. (Fugro), in the amount of \$28,280, for material testing and inspection services, and approve expenditures of up to \$2,820 for extra services of Fugro that may result from necessary changes in the scope of work; and
- D. Approve the allocation of \$1,421,027.08 from the Creeks Reserve Fund to the Creek Restoration/Water Quality Improvement Capital Fund to cover the cost of construction of the Upper Las Positas Creek Restoration and Storm Water Management portion of the Combined Project.

EXECUTIVE SUMMARY:

Ten bids were received for the Combined Project; the lowest bidder was Shaw. To complete the construction phase of the Combined Project, staff recommends Council waive the minor bid irregularity and authorize the Public Works Director to accept the low bid, including the additive bid alternates, and enter into a contract with Shaw. Staff recommends that Council authorize the Public Works Director to enter into a contract with Wallace and Fugro for services during construction. To fund construction, staff recommends that Council approve the allocation of \$1,421,027.08 from the Creeks Reserve Fund to the Creek Restoration/Water Quality Improvement Capital Fund to cover the cost of construction for the Upper Las Positas Creek Restoration and Storm Water Management portion of the Combined Project.

DISCUSSION:

PROJECT DESCRIPTION

The Santa Barbara Golf Club Safety Plan Implementation Project completes the network of cart paths throughout the golf course and relocates two greens complexes in order to move them further away from areas in play and to improve visibility. The Upper Las Positas Creek Restoration and Storm Water Management Project will treat polluted urban storm water runoff from residential neighborhoods, the golf course, the Adams Elementary School, and streets surrounding the golf course, through a series of constructed bioswales, wetlands, and large detention basins landscaped with native plants. The project will improve wildlife habitat and the quality of water entering Las Positas Creek and the Arroyo Burro Estuary. The project will also reduce downstream flow rates and decrease erosion in Las Positas Creek. By combining these two projects, the total construction cost will be reduced through economies of scale. In addition, concurrent construction projects will reduce the total time that golf course play is interrupted by construction activities.

CONTRACT BIDS

A total of ten bids were received for the subject work, ranging as follows:

BIDDER	BID AMOUNT
Shaw Contracting, Inc., Carpinteria, CA	\$1,632,080.25*
Elevation General Engineering Contractor's, Inc., Santa Maria, CA	\$1,632,512.62*
Wadsworth Golf Construction Co. of the Southwest, Buckeye, AZ	\$1,887,858.00
Lash Construction, Inc., Santa Barbara, CA	\$2,026,510.00*

Council Agenda Report

Contract For Construction Of Santa Barbara Golf Club Safety Plan Implementation And
Upper Las Positas Creek Restoration And Storm Water Management Project

June 2, 2009

Page 3

Granite Construction Company, Watsonville, CA	\$2,081,812.00
Peter Lapidus Construction, Inc., Carpinteria, CA	\$2,137,327.16*
American Landscape, Inc., Canoga Park, CA	\$2,179,410.34*
Oliphant Golf, Scottsdale, AZ	\$2,304,934.00
The Weitz Company, North Palm Beach, FL	\$2,461,966.56
Key Turf Construction, Inc., San Marcos, CA	\$2,566,792.96

*corrected bid total

Staff recommends that Council waive a minor bid irregularity associated with Shaw's bid. The contractor incorrectly summed the unit prices in the base bid, resulting in a greater total bid amount by \$0.05. As stated in the bid documents, the total amount of the bid will be the sum of the total prices of all items in the base bid. This amount was calculated by staff and confirmed by Shaw. Shaw remains the lowest bidder with the recalculated totals.

Staff recommends that Council award and authorize the Public Works Director to execute a contract with Shaw in the amount of \$1,771,524.50, which includes their low base bid amount of \$1,632,080.25, and expenditures of \$47,444.25 to construct Bid Alternate 1, and \$92,000 to construct Bid Item 68. Bid Alternate 1 consists of grading and landscaping of an additional stretch of bioswale. Bid Item 68 includes grading, irrigation and turf for a renovated putting green. The change order funding recommendation of \$218,627, or approximately 12%, is typical for projects of this type where there is a large uncertainty with the condition of soils within the project area. The project requires a significant amount of earthwork and the geotechnical report noted a significant variation in soil conditions that could require major over excavation of poor soil to meet project specifications.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Wallace in the amount of \$41,500, including \$4,150 for extra services, for design support services during construction. Wallace was selected as the Design Engineer for this project through a formal Request For Proposal process and is experienced in this type of work.

Staff also recommends that Council authorize the Public Works Director to execute a contract with Fugro in the amount of \$28,280, including \$2,820 for extra services, for material testing and inspection services. Fugro provided the geotechnical expertise for

the design of the storm water improvements and is experienced in the type of testing and inspection of this type of work.

FUNDING

The golf course safety portion of the Combined Project, in the amount of \$497,479.40, including Bid Item 68, is funded by the Golf Course Improvement Plan Capital Fund. There are sufficient funds in the Golf Course Improvement Plan Capital Fund to cover the costs of this portion of the Combined Project.

The storm water improvement and creek restoration portion of the Combined Project is funded by the Creek Restoration/Water Quality Improvement Capital Fund and Creeks Reserve Fund. The Creeks Capital Fund currently has \$326,259 available for this project. The proposed appropriation of \$1,421,027.08 from the Creeks Reserve Fund would fully fund the project. The total construction cost of the Creeks portion of the project, including contingencies and the associated items listed above, is \$1,747,286.08. The Creeks Advisory Committee has recommended that Reserve Fund money be appropriated for the construction of the Creeks Division portion of the Combined Project.

The following summarizes the internal construction cost sharing:

CONSTRUCTION COST SHARING TABLE

	Golf Course Fund	Creeks Fund	Total
Shaw	\$469,479.40	\$1,520,672.10	\$1,990,151.50
Wallace Group	\$0	\$45,650.00	\$45,650.00
Fugro	\$7,000.00	\$24,100.00	\$31,100.00
Construction Management (City Staff)	\$21,000.00	\$74,873.00	\$95,873.00
Additional Construction Costs	\$0	\$81,990.98	\$81,990.98
TOTAL	\$497,479.40	\$1,747,286.08	\$2,244,765.48

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Shaw	\$1,771,524.50	\$218,627.00	\$1,990,151.50
Wallace Group	\$ 41, 500.00	\$4,150.00	\$45,650.00
Fugro	\$28,280.00	\$2,820.00	\$31,100.00
TOTAL RECOMMENDED AUTHORIZATION			\$2,066,901.50

The following summarizes all project design, construction, and construction management costs:

ESTIMATED TOTAL PROJECT COST

Design	
Design (by Contract)	\$249,197.00
Design (City staff)	\$55,948.00
Subtotal	\$305,145.00
Construction	
Construction Contract	\$1,771,524.50
Construction Change Order Allowance	\$218,627.00
Additional Construction Costs (Signage, Plants and Trees, Wildlife Survey)	\$81,990.98
Subtotal	\$2,072,142.48
Construction Management/Inspection (by City Staff)	\$95,873.00
Design Support Services during Construction (by Contract)	\$76,750.00
Subtotal	\$172,623.00
TOTAL PROJECT COST	\$2,549,910.48

SUSTAINABILITY IMPACT:

Controlling the quality and amount of urban runoff from developed areas within the City is critical for both the protection of water quality in the City and reduction of flood risks. This Combined Project will minimize and treat polluted runoff from urbanized landscapes and improve water quality in the creeks and ocean using natural biological systems, thereby reducing maintenance and energy costs often associated with water quality treatment systems.

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Joshua Haggmark, Principal Civil Engineer/LS

SUBMITTED BY: Nancy L. Rapp, Parks and Recreation Director
Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office